

AJA KONA 2 — RECOMMENDED MACINTOSH HARDWARE (G5 with PCI-X 133MHz Bus) AND SOFTWARE

Macintosh Computer	AJA Hardware and Driver	AGP Graphics Card	Internal Storage	SCSI/Fibre HBA (see recommended Raid storage on separate chart)	Mac OS and Software Required	Slot Config	Machine Control
Apple Power Mac G5 Dual 2 GHz (see note below) min - 1 GB Apple RAM	KONA 2 K-Box ¹ KONA 2 1.0 driver	ATI Radeon 9600 (firmware and/or driver rev: 1.3.18) We are currently testing newer graphics cards and will update this category soon.	SATA (2 internal SATA drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) or Atto UL4D	Mac OS 10.3.5 QuickTime 6.5.1 FCP HD 4.5	KONA 2 and RAID controller must be on separate busses; put one in the PCI-X 133 slot and the other in a PCI-X 100 slot.	K-Box ¹ or Standard Cable RS-422
Apple Power Mac G5 Dual 2.5 GHz min - 1 GB Apple RAM	KONA 2 K-Box ¹ KONA 2 1.0 driver	ATI Radeon 9600 (firmware and/or driver rev: 1.3.18) We are currently testing newer graphics cards and will update this category soon.	SATA (2 internal SATA drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) or Atto UL4D	Mac OS 10.3.5 QuickTime 6.5.1 FCP HD 4.5	KONA 2 and RAID controller must be on separate busses; put one in the PCI-X 133 slot and the other in a PCI-X 100 slot.	K-Box ¹ or Standard Cable RS-422

¹K-Box—Optional Breakout Box

Note: some early dual processor 1.8MHz G5 PowerMacs were produced by Apple that had a PCI-X 133 bus. These systems will work with KONA 2. However, later 1.8 MHz G5s did not have a PCI-X bus and will not work.

AJA KONA 2 Configuration Guide

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AJA KONA LS — RECOMMENDED MACINTOSH HARDWARE (G4 and G5) AND SOFTWARE

Macintosh Computer	AJA Hardware and Driver	AGP Graphics Card	Internal Storage	SCSI/Fibre HBA (see recommended Raid storage on separate chart)	Mac OS and Software Required	Slot Config	Machine Control
Apple Power Mac G4 Dual 1.25 Ghz or dual 1.42Ghz min - 1 gig Apple Ram	KONA LS KL-Box (optional) Kona LS driver	ATI Radeon 9000 (firmware and/or driver rev: 1.3.18) We are currently testing newer graphics cards and will update this category soon.	Ultra ATA 100 (2 internal drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/33 or UL3D-66 (firmware and/or driver rev: 3.10)	Mac OS 10.3.5 QuickTime 6.5.1 FCP HD 4.5	KONA LS and RAID controller must be on separate busses; put one in the PCI-X 133 slot and the other in a PCI-X 100 slot.	KL-Box ¹ or Standard Cable RS-422
Apple Power Mac G5 Dual 2 Ghz min - 1 gig Apple Ram	KONA LS KL-Box (optional) Kona LS driver	ATI Radeon 9600 (firmware and/or driver rev: 1.3.18) We are currently testing newer graphics cards and will update this category soon.	SATA (2 internal SATA drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/66 or UL4D (firmware and/or driver rev: 3.10)	Mac OS 10.3.5 QuickTime 6.5.1 FCP HD 4.5	KONA LS and RAID controller must be on separate busses; put one in the PCI-X 133 slot and the other in a PCI-X 100 slot.	KL-Box ¹ or Standard Cable RS-422
Apple Power Mac G5 Dual 2.5 Ghz min - 1 gig Apple Ram	KONA LS KL-Box (optional) Kona LS driver	ATI Radeon 9600 (firmware and/or driver rev: 1.3.18) We are currently testing newer graphics cards and will update this category soon.	SATA (2 internal SATA drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/66 or UL4D (firmware and/or driver rev: 3.10)	Mac OS 10.3.5 QuickTime 6.5.1 FCP HD 4.5	KONA LS and RAID controller must be on separate busses; put one in the PCI-X 133 slot and the other in a PCI-X 100 slot.	KL-Box ¹ or Standard Cable RS-422

¹KL-Box—Optional Breakout Box

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AJA Io, Io LA, and Io LD — RECOMMENDED MACINTOSH HARDWARE (G4 and G5) AND SOFTWARE

Macintosh Computer	AJA Hardware and Driver	AGP Graphics Card	Internal Storage	SCSI/Fibre HBA (see recommended Raid storage on separate chart)	Mac OS and Software Required	Slot Config	Machine Control
Apple Power Mac G4 Dual 1.25 Ghz or dual 1.42Ghz min - 1 gig Apple Ram	Io or Io LA (fw v.2.4) or Io LD AJA Io driver 1.3 Firmware Rev 21-24	ATI Radeon 9000 (firmware and/or driver rev: 1.3.18)	Ultra ATA 100 (2 internal drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/33 or UL3D-66 (firmware and/or driver rev: 3.10)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Not Critical (any 33mhz slot for Fibre or SCSI HBA)	Built into Io, Io LA and Io LD
Apple Power Mac G5 Dual 2gig min - 1 gig Apple Ram	Io or Io LA (fw v.2.4) or Io LD AJA Io driver 1.3 Firmware Rev 21-24	ATI Radeon 9600 (firmware and/or driver rev: 1.3.18)	SATA (2 internal SATA drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/66 or UL4D (firmware and/or driver rev: 3.10)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Not Critical (any PCI-X slot, 133mhz or 100 mhz) for Fibre or SCSI HBA)	Built into Io, Io LA and Io LD
Apple Power Mac G5 Dual 2.5gig min - 1 gig Apple Ram	Io or Io LA (fw v.2.4) or Io LD AJA Io driver 1.3Firmware Rev 21-24	ATI Radeon 9600 (firmware and/or driver rev: 1.3.18)	SATA (2 internal SATA drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/66 or UL4D (firmware and/or driver rev: 3.10)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Not Critical (any PCI-X slot, 133mhz or 100 mhz) for Fibre or SCSI HBA)	Built into Io, Io LA and Io LD
Xserve G4 min - 1 gig Apple Ram	Io or Io LA (fw v.2.4) or Io LD AJA Io driver 1.3 Firmware Rev 21-24	ATI Radeon 9000 (firmware and/or driver rev: 1.3.18)	Ultra ATA 100 (2 internal drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/66 or UL4D (firmware and/or driver rev: 3.10)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Not Critical (any PCI-X slot, 133mhz or 100 mhz) for Fibre or SCSI HBA)	Built into Io, Io LA and Io LD

Io

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AJA Io, Io LA, and Io LD — RECOMMENDED APPLE POWERBOOK HARDWARE AND SOFTWARE

Note:

Due to the unique firewire nature of the Io product line, you can work with uncompressed video on a Apple powerbook with the onfigurations listed below. While not as fully supported and mission critical as a PowerMac tower configuration, these powerbook configurations have been proven to work for uncompressed 8- and 10-bit video, and DV25, DV50, DV100 (DVC PRO HD), and Offline RT.

Macintosh Computer	AJA Hardware and Driver	AGP Graphics Card	Internal Storage	SCSI/Fibre HBA (see recommended Raid storage on separate chart)	Mac OS and Software Required	Slot Config	Machine Control
Apple 17" Power book 1.5 gig G4	Io or Io LA or Io LD AJA Io driver 1.2 Firmware Rev 20-21	ATI Mobility Radeon 9700	Lacie FW 800 (Big Disk Extreme Or Medea FW 800 G-Raid	Lacie FW 800 PCMCIA card Or Medea FW 800 PCMCIA card	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	FW 800 PCMCIA card in PCMCIA slot Io into native 400 FW on powerbook Powerbook Running in High Performance Mode	Built into Io, Io LA and Io LD
Apple 15" Power book 1.5 gig G4	Io or Io LA or Io LD AJA Io driver 1.3 Firmware Rev 20-21	ATI Mobility Radeon 9700	Lacie FW 800 (Big Disk Extreme Or Medea FW 800 G-Raid	Lacie FW 800 PCMCIA card Or Medea FW 800 PCMCIA card	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	FW 800 PCMCIA card in PCMCIA slot Io into native 400 FW on powerbook Powerbook Running in High Performance Mode	Built into Io, Io LA and Io LD

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AJA KONA HD — RECOMMENDED MACINTOSH HARDWARE (G4 and G5) AND SOFTWARE

Macintosh Computer	AJA Hardware and Driver	AGP Graphics Card	Internal Storage	SCSI/Fibre HBA (see recommended Raid storage on separate chart)	Mac OS and Software Required	Slot Config	Machine Control
Apple Power Mac G4 Dual 1.25 Ghz or dual 1.42Ghz min - 1 gig Apple Ram	Kona HD HD10C2 ¹ HD10MD3 ² Kona HD 4.0 driver	ATI Radeon 9000 (firmware and/or driver rev: 1.3.18)	Ultra ATA 100 (2 internal drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/33 (rev: 3.10)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Not Critical (any 33mhz slot for Kona HD and HBA)	Keyspan USB Twin Serial Adapter (driver rev: 1.8)
Apple Power Mac G5 Dual 2gig min - 1 gig Apple Ram	Kona HD HD10C2 ¹ HD10MD3 ² Kona HD 4.0 driver	ATI Radeon 9600 (firmware and/or driver rev: 1.3.18)	SATA (2 internal SATA drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/66 (rev: 3.10)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Kona HD in Slot 3 (highest PCI 100 slot) HBA in Slot 2 (next to AGP slot)	Keyspan USB Twin Serial Adapter (driver rev: 1.8)
Apple Power Mac G5 Dual 2.5gig min - 1 gig Apple Ram	Kona HD HD10C2 ¹ HD10MD3 ² Kona HD 4.0 driver	ATI Radeon 9600 (firmware and/or driver rev: 1.3.18)	SATA (2 internal SATA drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/66 (rev: 3.10)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Kona HD in Slot 3 (highest PCI 100 slot) HBA in Slot 2 (next to AGP slot)	Keyspan USB Twin Serial Adapter (driver rev: 1.8)
Xserve G4 min - 1 gig Apple Ram	Kona HD HD10C2 ¹ HD10MD3 ² Kona HD 4.0 driver	ATI Radeon 9000 (firmware and/or driver rev: 1.3.18)	Ultra ATA 100 (2 internal drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/66 (rev: 3.10)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Requires PCI Riser option from Apple, HBA and Kona HD installed in Riser	Keyspan USB Twin Serial Adapter (driver rev: 1.8)

¹HD10C2—Optional HD-SDI/SDI to Analog Converter

²HD10MD3—Optional HD-SDI/SDI to SDI/Component or Composite Analog Downconverter

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AJA KONA SD — RECOMMENDED MACINTOSH HARDWARE (G4 and G5) AND SOFTWARE

Macintosh Computer	AJA Hardware and Driver	AGP Graphics Card	Internal Storage	SCSI/Fibre HBA (see recommended Raid storage on separate chart)	Mac OS and Software Required	Slot Config	Machine Control
Apple Power Mac G4 Dual 1.25 Ghz or dual 1.42Ghz min - 1 gig Apple Ram	Kona SD D10C2 ¹ D10A ² (optional) Kona SD 4.0b8 driver	ATI Radeon 9000 (firmware and/or driver rev: 1.3.18)	Ultra ATA 100 (2 internal drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/33 or UL3D-66 (firmware and/or driver rev: 3.10)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Not Critical (any 33mhz slot for Kona HD and HBA)	Keyspan USB Twin Serial Adapter (driver rev: 1.8)
Apple Power Mac G5 Dual 2gig min - 1 gig Apple Ram	Kona SD D10C2 ¹ D10A ² (optional) Kona SD 4.0b8 driver	ATI Radeon 9600 (firmware and/or driver rev: 1.3.18)	SATA (2 internal SATA drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/66 or UL4D (firmware and/or driver rev: 3.10)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Kona SD in Slot 3 (highest PCI 100 slot) HBA in Slot 2 (next to AGP slot)	Keyspan USB Twin Serial Adapter (driver rev: 1.8)
Apple Power Mac G5 Dual 2.5gig min - 1 gig Apple Ram	Kona SD D10C2 ¹ D10A ² (optional) Kona SD 4.0b8 driver	ATI Radeon 9600 (firmware and/or driver rev: 1.3.18)	SATA (2 internal SATA drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/66 or UL4D (firmware and/or driver rev: 3.10)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Kona SD in Slot 3 (highest PCI 100 slot) HBA in Slot 2 (next to AGP slot)	Keyspan USB Twin Serial Adapter (driver rev: 1.8)
Xserve G4 min - 1 gig Apple Ram	Kona SD D10C2 ¹ D10A ² (optional) Kona SD 4.0b8 driver	ATI Radeon 9000 (firmware and/or driver rev: 1.3.18)	Ultra ATA 100 (2 internal drives)	Apple Fibre Channel Dual 2gig HBA (firmware and/or driver rev: RAID Admin 1.3.1) Atto UL3D/66 or UL4D (firmware and/or driver rev: 3.10)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Requires PCI Riser option from Apple, HBA and Kona HD installed in Riser	Keyspan USB Twin Serial Adapter (driver rev: 1.8)

¹D10C2—Optional SDI to Component or Composite Analog Converter, 10-bit

²D10A—Optional Analog Component to SDI Converter, 10-bit

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- 1 - HBA firmware and driver changes often – for best results always follow the latest recommendations from Apple for their dual channel fibre HBA and with ATTO for their dual channel SCSI HBA. AJA recommendations reflect the last proven combination of working driver/firmware revisions.
- 2 - AGP Graphics cards: this document lists the most common and most tested cards. There are other boards available from both ATI and Nvidia that work with Kona and Io (such as the Radeon 9800). However, caution should be exercised when buying the latest and most powerful cards since their drivers may be new and untested with Kona/Io or may put heavy demands (RAM/processor etc.) in the Mac. Any such system configurations should be fully tested by the dealer/reseller before delivering to an AJA customer.
- 3 - Amount of RT: if flexible Io is what the customer really needs, then the Io is a better choice—although it won't deliver as much RT as a Kona configuration. On the G5 dual 2GHz expect to see 5 to 6 streams of RT; on the G5 dual 2.5 expect to see 7 to 8 streams of RT (you will need to be in RT extreme mode for these high RT stream counts). Io works fine on the faster g4 dual processor machines, but it's strongly recommended for new customers to use the dual processor G5 systems for maximum performance (since the G4 is no longer produced by Apple, the G5 / Io combination is the default).
- 4 - Hard Drive configurations for Video: there are a number of unique and creative video storage options for uncompressed video, DV25, DV50 and DV100 video for the G4 and G5 in addition to the standard external SCSI or Fibre Storage with an HBA in one of the PCI slots. These options include, but are not limited to: internal ATA RAID configurations (G4), FireWire 800 RAIDs, and internal SATA RAIDs (G5). All of these solutions have proven viable, but may not be as mission critical over time as a external SCSI or Fibre Array. Certain limitations such as less RT effects, occasional dropped frames, and no redundancy are part of the concern with these solutions,—but for some customers cost effectiveness may outweigh mission critical performance. So choose wisely based on each individual customers needs and budget.
- 5 - Dual Boot Recommendation: a good way to keep uncompressed SD and HD Final Cut Pro systems as functional as possible is to create multiple start up partitions on the G4 or G5. What this means is that you set up 2 start up partitions on the G4 or G5 system, labelling one “Safe Startup” and one “Experimental Startup” (or whatever naming convention you prefer). You will need to load a Mac OS and Final Cut Pro on each of these partitions. This can be accomplished in a number of ways. On new systems, simply partition the existing drive into 2 or 3 partitions, load the recommended OS and version of FCP from AJA onto the “Safe Startup” partition, and then load the latest unqualified OS and FCP version on the “Experimental Startup” partition. On existing systems that are already running, the easiest way is to put another drive in the Mac. On G4's you can easily install 2 extra drives, or just install one drive and then partition it. On the G5 you can put another SATA drive in and then make as many partitions as you like, each having the combination of MacOS and FCP of your choosing and risk tolerance. The cost of adding ATA drives is minimal and will prevent the aggravation of trying to go backwards in OS X versions if you encounter a problem with the latest versions of FCP, MacOS or QuickTime. This methodology allows customers to try the latest OS and FCP without the risk being great, since in the event of problems they can just re-boot into the other “Safe” partition and keep working. Always report any problems encountered to AJA and/or Apple via email if you have time. Note: FCP HD (4.5) projects are not backwards compatible with 4.1 projects, so if you are encounter problems with FCP 4.5 you cannot open them in an earlier version of FCP.
- 6- Latest information: the latest information on known issues, configuration changes and notes on new Apple hardware and recommended current OS, QuickTime and AJA drivers are available in the Support area of the www.aja.com website (<http://www.aja.com/support.html>). Both the Io and Kona support pages have extensive FAQs listing common issues and solutions customers have run into while using their systems.

AJA Io, Io LA, Io LD, KONA Systems — QUALIFIED STORAGE SOLUTIONS



Storage Company	Model	Raid Software	Raid Configuration	SCSI/Fibre HBA	Mac OS,	Supported Video Formats	Notes <input type="checkbox"/>
Generic	4 bay JBOD with 4 15k Cheetah SCSI drives	Mac OS X Disk Utility	Raid 0 JBOD (non-protected storage)	Atto UL3D/33 (G4) Atto UL3D/66 (G5)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Uncompressed 1080i, 1080p, 720p HD and NTSC and PAL SD both 8 & 10 bit. DV25, DV50, DV100	RT Extreme for SD estimated 5 streams on dual 2 gig g5
Apple XRAid	Full Config (14 drives, 512k ram on each controller)	Mac OS X Disk Utility Apple Xraid admin	Raid 5+0	Apple Fibre Ch Dual 2gig	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Uncompressed 1080i, 1080p, 720p HD and NTSC and PAL SD both 8 & 10 bit. DV25, DV50, DV100	RT Extreme for SD estimated 6 streams on dual 2 gig g5
Rorke Data	Max Array 8 bay SCSI	Mac OS X Disk Utility	Raid 0 JBOD (non-protected storage)	Atto UL3D/33 (G4) Atto UL3D/66 (G5)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Uncompressed 1080i, 1080p, 720p HD and NTSC and PAL SD both 8 & 10 bit. DV25, DV50, DV100	RT Extreme for SD estimated 6 streams on dual 2 gig g5
Rorke Data	Max Array 8 bay FIBRE	Mac OS X Disk Utility	Raid 0 JBOD (non-protected storage)	Atto FC3300	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Uncompressed 1080i, 1080p, 720p HD and NTSC and PAL SD both 8 & 10 bit. DV25, DV50, DV100	RT Extreme for SD estimated 6 streams on dual 2 gig g5
ADTX	MasStor	Mac OS X Disk Utility	Raid 5+0	Apple Fibre Ch Dual 2gig	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Uncompressed 1080i, 1080p, 720p HD and NTSC and PAL SD both 8 & 10 bit. DV25, DV50, DV100	RT Extreme for SD estimated 5 streams on dual 2 gig g5
Medea	RTR	Mac OS X Disk Utility	Raid 3+0	Atto UL3D/33 (G4) Atto UL3D/66 (G5)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	NTSC and PAL SD both 8 & 10 bit. DV25, DV50, DV100	RT Extreme for SD estimated 5 streams on dual 2 gig g5
Huge Systems	Media Vault Dual Max	Mac OS X Disk Utility	Raid 0 JBOD (non-protected storage)	Atto UL3D/33 (G4) Atto UL3D/66 (G5)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	Uncompressed 1080i, 1080p, 720p HD and NTSC and PAL SD both 8 & 10 bit. DV25, DV50, DV100	RT Extreme for SD estimated 6 streams on dual 2 gig g5

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KONA Systems — QUALIFIED STORAGE SOLUTIONS FOR G5 HD ENVIRONMENTS

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Company Make & Model	Raid Software	Raid Configuration	SCSI/Fibre HBA	Mac OS, QuickTime & FCP Versions	System Configuration	Supported Workflow:
Medea FCR2X 10 Bay 2.5 TB	Mac OS X Disk Utility	Raid 3+0	Apple Fibre Ch Dual 2gig 66Mhz	Mac OS 10.3.8, QuickTime 6.5.2 FCP HD 4.5	KONA 2 Slot 4 HBA Slot 2 or 3	1080i 29.97 4:2:2 <i>and below</i>
Apple XRAID 14 Bay 3.5 TB	Mac OS X Disk Utility Apple Xraid admin	Raid 5+0 (14 drives, 512k Controller Cache)	Apple Fibre Ch Dual 2gig 133 Mhz	Mac OS 10.3.8, QuickTime 6.5.2 FCP HD 4.5	KONA 2 Slot 2 or 3 HBA Slot 4	1080i 29.97 4:2:2 <i>and below</i>
Rorke Data Galaxy 16 Bay 6.4 TB	Mac OS X Disk Utility (W/Terminal Configuration)	Raid 5	Astera Fibre Ch Dual 2gig 133 Mhz	Mac OS 10.3.8, QuickTime 6.5.2 FCP HD 4.5	KONA 2 Slot 2 or 3 HBA Slot 4	1080i 29.97 4:2:2 <i>and below</i>
ADTX	Mac OS X Disk Utility	Raid 5+0	Apple Fibre Ch Dual 2gig 133 Mhz	Mac OS 10.3.8, QuickTime 6.5.2 FCP HD 4.5	KONA 2 Slot 2 or 3 HBA Slot 4	1080i 29.97 4:2:2 <i>and below</i>
Rorke Data Max Array 8 bay SCSI	Mac OS X Disk Utility	Raid 0 Dual Channel U320	Atto UL4D U320	Mac OS 10.3.8, QuickTime 6.5.2 FCP HD 4.5	KONA 2 Slot 2 or 3 HBA Slot 4	1080i 29.97 4:2:2 <i>and below</i>
Huge Systems 1600MD 1.6TB	Mac OS X Disk Utility	Raid 3+0 Dual Channel U320	Atto UL4D U320	Mac OS 10.3.8, QuickTime 6.5.2 FCP HD 4.5	KONA 2 Slot 2 or 3 HBA Slot 4	1080i 29.97 4:2:2 <i>and below</i>
MaxxDigital Dual Channel JBOD	Mac OS X Disk Utility	Raid 0 Dual Channel U320	Atto UL4D U320	Mac OS 10.3.8, QuickTime 6.5.2 FCP HD 4.5	KONA 2 Slot 2 or 3 HBA Slot 4	1080i 29.97 4:2:2 <i>and below</i>

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AJA Io, Io LA, Io LD, KONA LS Systems — QUALIFIED STORAGE FOR SD ENVIRONMENTS (Includes HD Storage)



Company Make & Model	Raid Software	Raid Configuration	SCSI/Fibre HBA	Mac OS, QuickTime & FCP Versions	System Configuration	Supported Workflow:
Medea	RTR	Mac OS X Disk Utility	Raid 3+0	Atto UL3D/33 (G4) Atto UL3D/66 (G5)	Mac OS 10.3.8 QuickTime 6.5.1 FCP HD 4.5	NTSC and PAL SD both 8 & 10 bit. DV25, DV50, DV100

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